



Addendum

DVR670 Installation and Operation manual AM18-Q0617

Security Warning

The remote system access feature, designed to allow users to view their video via a PC or phone, may compromise their security devices and expose them to malicious use.

To avoid putting your devices and personal information at risk, always consult your network specialist for advice on network security infrastructure (i.e. MAC filtering, Access Control List).

Bosch accepts no responsibility for possible damage caused by unauthorised access.

iPhone 'DVR Viewer' APP

With firmware v2.1.x the iPhone 'DVR Viewer' APP version 1.0.3 or higher must be used.

IP camera integration from firmware v2.1 onwards

Introduction

This addendum describes how to integrate an IP camera in the DVR 670 Series (firmware 2.1 onwards). The main requirements and restrictions are:

- Input from a maximum 4 SD Bosch IP cameras can be recorded on a single DVR 670. Using IP cameras means the DVR can manage fewer analog cameras; i.e. if you connect 1 SD camera, you will lose 1 analog camera.
- The DVR does not directly control the camera stream (IPS or resolution) and will only record the available stream (configured on the camera).
- Event triggered recording (motion and/or input) is not supported for the connected IP cameras.
- Live and playback video of connected IP cameras (SD streams) can be shown on a local DVR monitor A.
- Viewing of IP camera on Mon. B is not supported.
- Video of connected IP camera can also be shown via Web pages and supported PC applications.
- PTZ and fixed SD cameras can be recorded, however only standard PTZ commands and presets (go to, set, clear) are available (i.e. there is no AUX, iris and focus control). To enable PTZ for IP cameras please select RS232 or RS485 PTZ communication protocol for the selected channel.
- Supported resolutions :

	IPS	Resolution
NTSC	≤ 30 IPS	≤ 702 x 576 (SD/D1/4CIF)
PAL	≤ 25 IPS	≤ 702 x 480 (SD/D1/4CIF)

- An HD camera can be used for recording SD stream 2 for eventual recording and playback on the DVR. Display the live HD stream with Bosch Video Client.
- Live and recorded audio from an IP camera is not supported.
- The IP feature will be available on a DVR 670 platform using a simple FW upgrade, and is free of charge (no licence required).
- Previous IP cameras firmware 5.60 is not supported for this release. Please use 5.52, 5.70 or 5.80.
- To display the archived video from the IP cameras you need to use the latest Archive Player v1.0.10.1. This version of the player is incorporate in the DVR firmware v2.1

See the following steps (1 to 4) to add an IP camera to the DVR670 v2.1

Step 1.

Enter the DVR 'Camera-Camera' menu.

In the Camera-Camera screen (see Figure 1) click on the row for the required channel (the row will be selected).

Now click the Enable column to toggle between **Off**, **On** and **IP camera** (Off = disabled; On = analog camera).

When **IP camera** is selected, click the **Setup** button in the bottom right of the screen.

A new dialog box appears asking you to save the change configuration settings; press **OK**.

Wait for the 'Configuration' screen – see Step 2.



Figure 1

Step 2.

When the 'Configuration' screen appears (see Figure 2), click the **Auto Detect** button to scan for all the IP cameras in the same subnet.

A new 'Assign' screen appears – see Step 3.

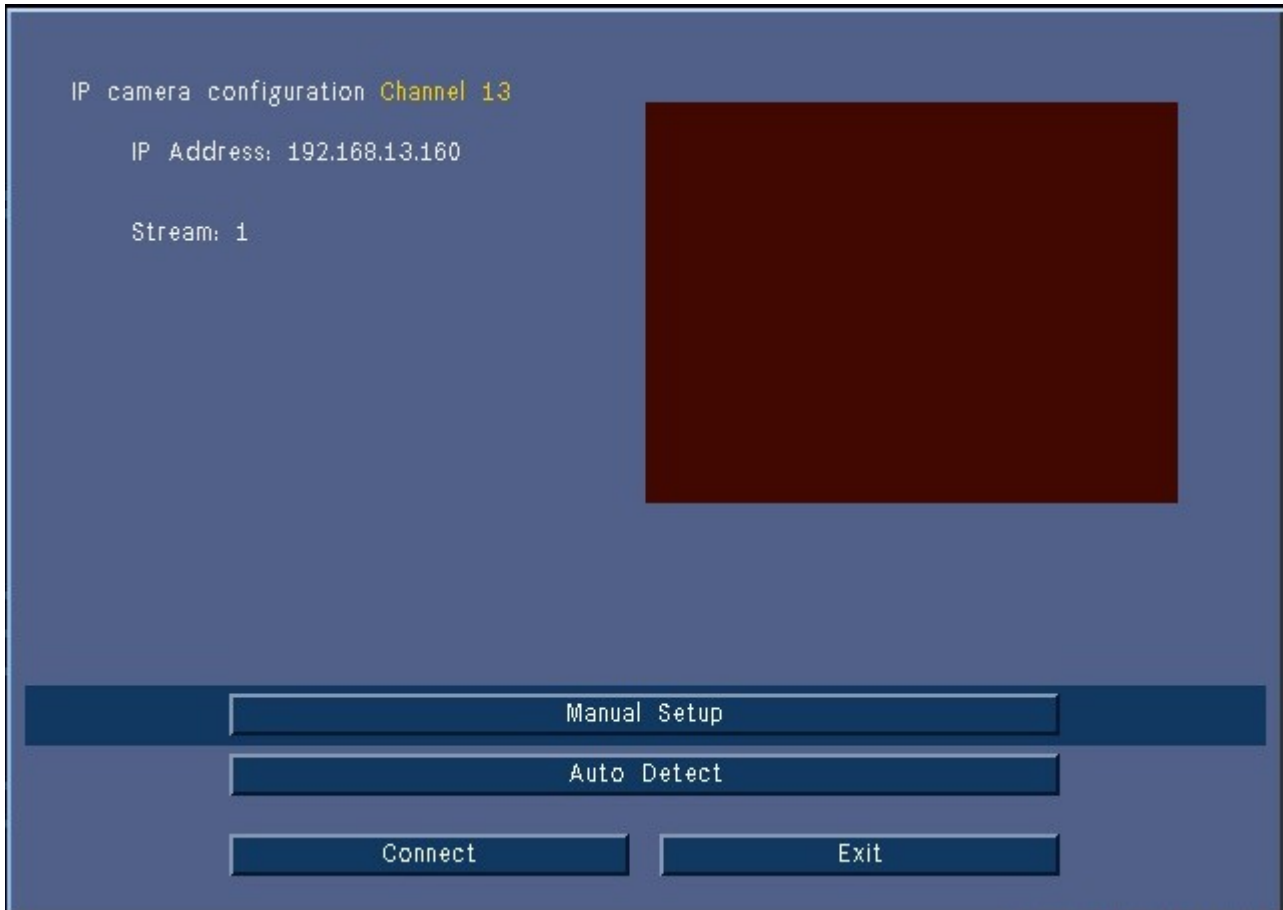


Figure 2

Note: If required, choose **Manual Setup** to manually assign the correct IP camera configuration settings in the appropriate fields (including **IP Address**, **Video Port**, **Command Port**, **User Name** and **Password**).

Step 3.

When the new 'Assign' screen appears (see Figure 3), click on the row containing the required IP camera from the list (the row will be selected).

Now click the **Assign** button to assign the chosen IP camera to the currently selected channel (shown on top of the screen). A 'Setup' screen will appear – see Step 4.

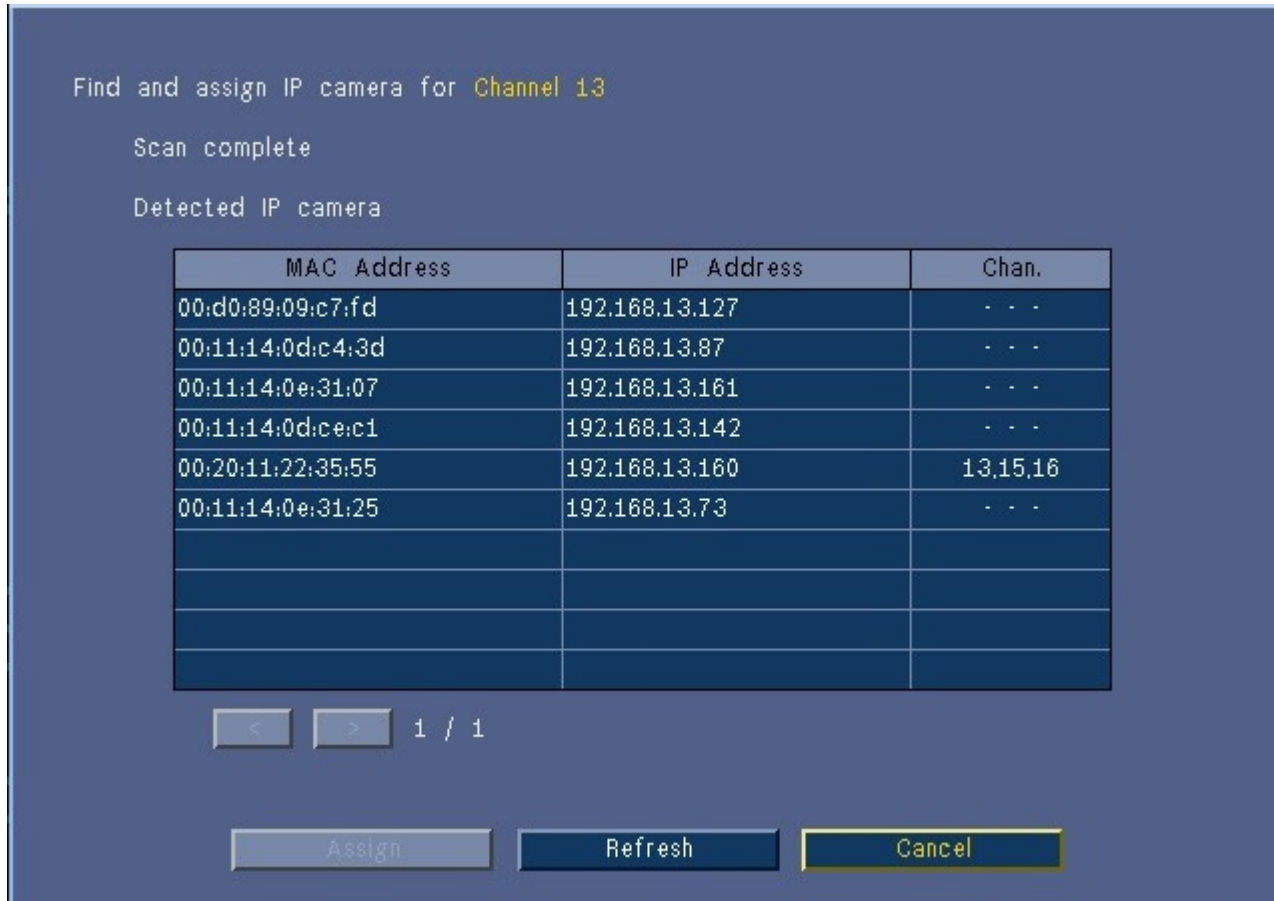


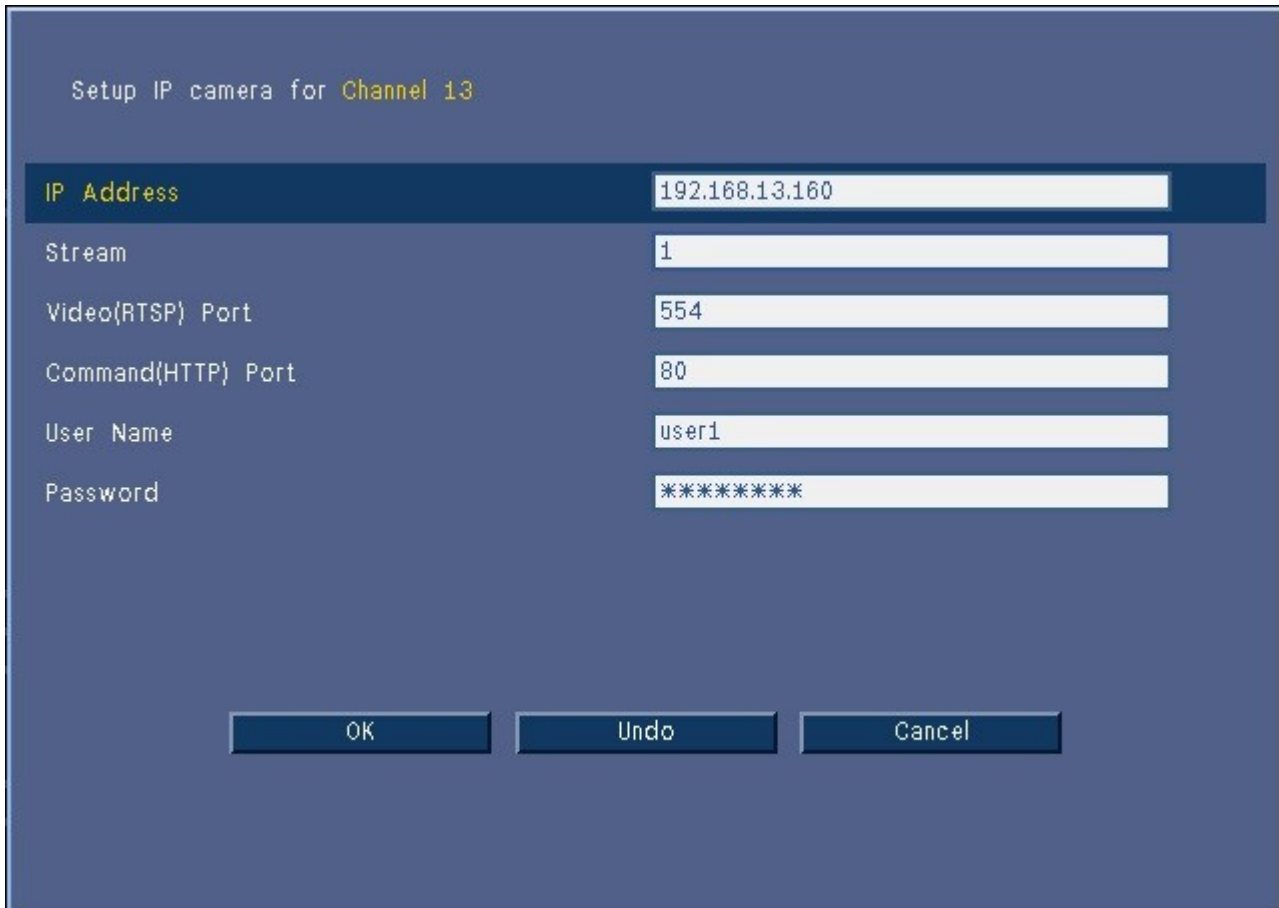
Figure 3

Note: If required, choose **Refresh** to rescan the IP cameras in the same subnet.

Step 4.

In the 'Setup' screen, assign the required **Stream** (1 or 2), **Video Port** (default 554), **Command Port** (default 80), plus correct **User Name** and **Password**.

When ready, click the **OK** button.



Setup IP camera for Channel 13

IP Address	192.168.13.160
Stream	1
Video(RTSP) Port	554
Command(HTTP) Port	80
User Name	user1
Password	*****

OK Undo Cancel

Figure 4

Note: If required, use the **Undo** button to disconnect an assigned IP camera and channel number.

After completing all the assign steps, the 'Configuration' screen will reappear (see Figure 5).

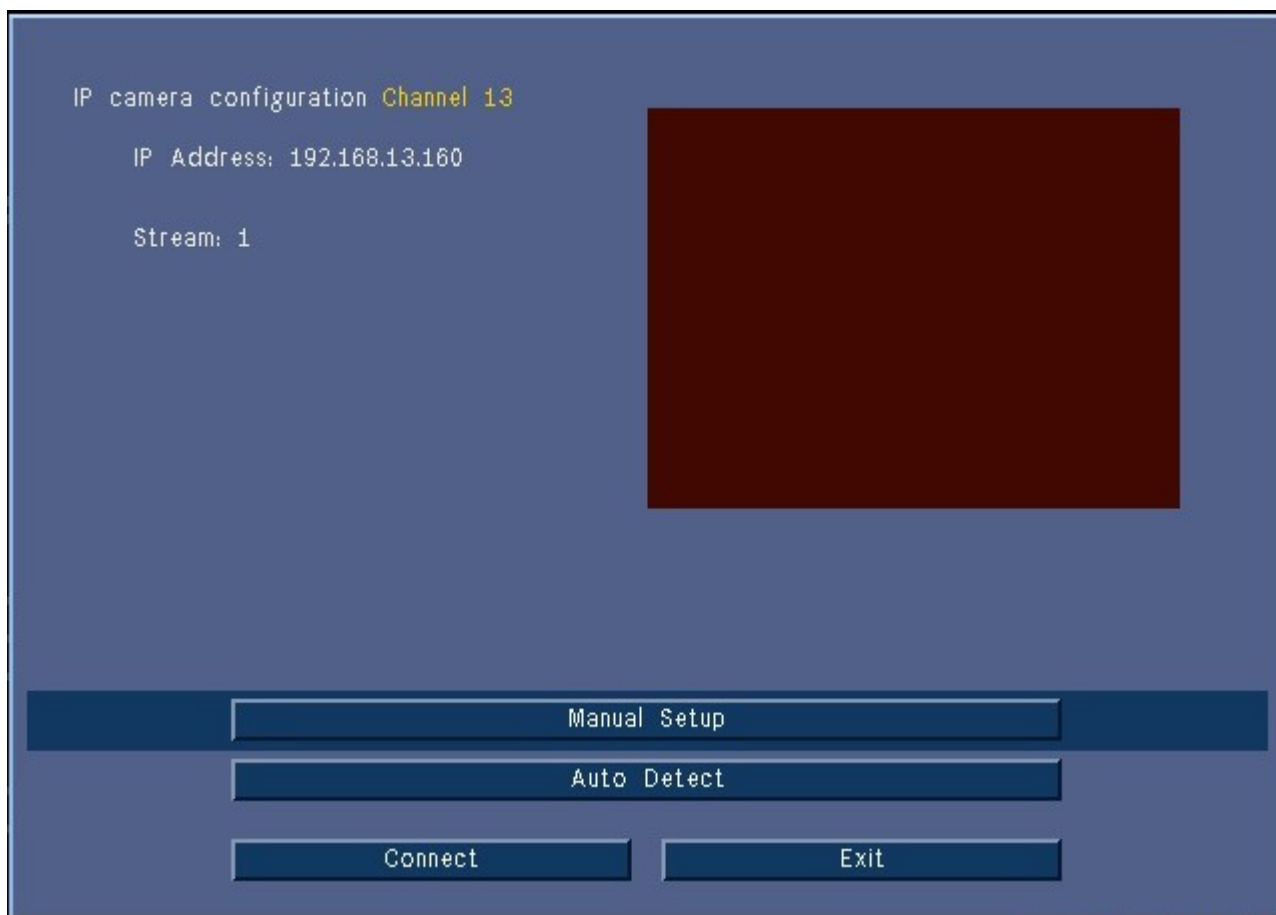


Figure 5

Press the **Connect** button to make the IP connection between the camera and selected channel.

If the IP camera resolution settings are supported by the DVR, then a picture of the camera will appear in the box on the right of the screen. Supported resolutions are:

	IPS	Resolution
NTSC	≤ 30 IPS	≤ 702 x 576 (SD/D1/4CIF)
PAL	≤ 25 IPS	≤ 702 x 480 (SD/D1/4CIF)

If the camera settings are not supported, an error dialog box will appear - see Figure 6.

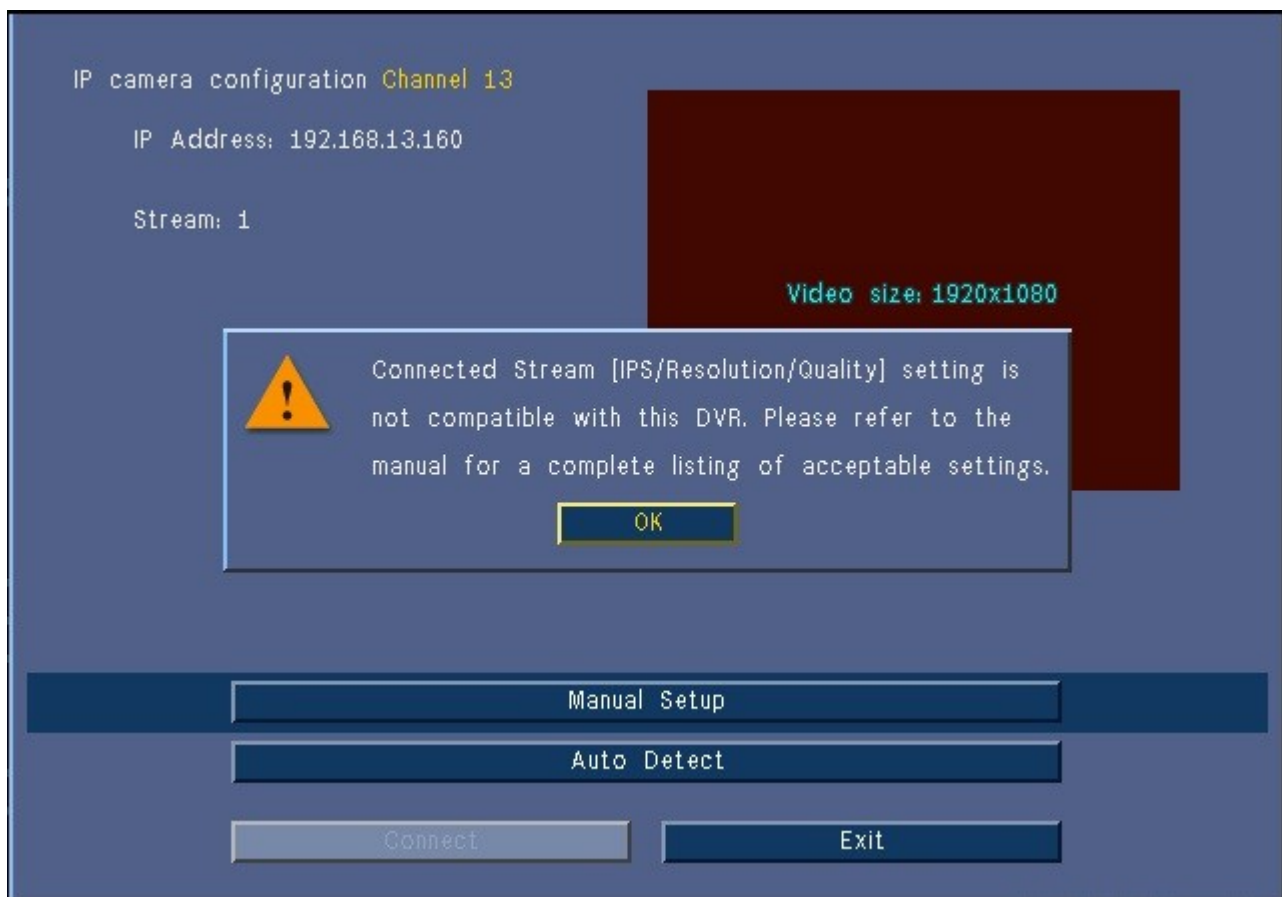


Figure 6

Click **OK** to acknowledge the message and then change the settings in the IP camera to obtain acceptable resolution settings (see the camera Operator Manual for how to do this).

When the camera is correctly connected, press **Exit**, then **OK** to save all settings and return to the Camera-Camera screen (see Figure 1).

© Bosch Security Systems, 2013
Version 1.1 2013.06
Doc. No.: AM18-Q656
Subject to change